

# GALVANISED LIQUISTORE / FIRESTORE



For standard fire sprinkler water storage applications or general industrial water storage requirements, the Liquistore / Firestore tank is a cost effective solution.

Using site assembled components, consisting of overlapped and bolted galvanized steel panels with either a trough deck or aluminium sectional site assembled cover, together with an internal, open top membrane liner, the Liquistore / Firestore offers a truly long life and low maintenance water storage system.

Standard tanks are available in capacities from 10m<sup>3</sup> (2,200 UK gallons) to 2,222m<sup>3</sup> (488,840 UK gallons) and in diameters from 3.06m to 21.40m and heights from 1.25m to 13.26m. Non standard and larger size tanks are available upon request.

## **Ease and speed of assembly.**

No sealants are used on the tank shell. This means that site installation can make full use of hydraulic jacking with the confidence in knowing that the integrity of the tank is not reliant on a large number of individual panel seals.

## **Simplicity of foundations.**

All that is required to site the tank is a flat load bearing surface, typically of reinforced concrete. The bottom rolled angle at the tank base is simply bolted to the concrete floor.

## **Low Maintenance.**

The galvanized steel panels to the tank are made from high quality pre-galvanized strip to BS2989 Grade Z35, with a zinc coating of 300g/m<sup>2</sup> each side of the panel. For plate thickness above 4.2mm, each plate is hot dip galvanized to the requirements of BS EN ISO 1461 (1999). This means a highly corrosion resistant exterior finish to the tank. Internally the hot vulcanised, tailor made membrane liner separates the stored water from the tank shell, often a major cause of corrosion. The membrane liner itself will not rot or deteriorate in the same way that other coatings and finishes to the interior of tanks will.

Firestore tanks are approved by the UK Loss Prevention Certification Board and Factory Mutual Assurance of the United States of America for storage of fire sprinkler water and by the UK Water Regulations Advisory Scheme for the storage of potable water under the name Liquistore.

Visit our website @ [www.maddisonwatertech.co.uk](http://www.maddisonwatertech.co.uk)

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